Report on New Projects 1991

United Nations Environment Programme

The Governing Council, at its twelfth session, in decision 12/15, adopted on 28 May 1984, requested the Executive Director to report on newly approved projects.

In response to this decision, information on newly approved projects has been distributed to Governments annually as inter-sessional documentation.

The first report in this series, entitled *Report on New Projects 1984*, was distributed in 1985 and further issues of such reports have been published annually since that date.

The current issue, entitled *Report on New Projects 1991*, contains one page project summaries of the 28 new projects approved during 1991. Although for practical reasons, project summaries are limited to one page each, further information on projects contained in this report may be obtained by writing to the following address:

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I. ENVIRONMENT FUND PROJECTS

FP/2101-91-01

STRENGTHENING RESEARCH AND INSTRUCTION IN RESOURCE AND ENVIRONMENTAL ECONOMICS IN DEVELOPING COUNTRIES

Implementation: Williams College, Williamstown, Massachussetts, USA

Scope: Global

Duration: November 1991 - June 1994

Cost:

	$
To the Environment Fund :	135 170 (49%)
To Williams College :	142 740 (51%)
Total :	227 910

Specific objectives of the project

1. To strengthen graduate and undergraduate level instruction and research in the application of environmental and natural resource economics to national development policy and planning and international economic cooperation;
2. To strengthen analytical capabilities for policy and planning for environmentally sound development;
3. To develop a cadre of economists better trained and informed about the use of natural resource and environmental economics in sustainable development planning;
4. To identify specific environmental problems and develop environment-friendly economic policy and planning models.

Activities

1. Development of detailed curricula, modules, programmes, reading materials and bibliographies for the undergraduate course and post-graduate seminar;
2. Provision of one full semester annually of undergraduate course and two post-graduate seminars for eight students per year from developing countries;
3. Development and establishment of a documentation centre;
4. Holding of an expert workshop in September 1993 to review the experience of conducting the programme and to draw lessons for the future;
5. Publication and dissemination of various research papers and workshop report.

Outputs

1. Twenty five undergraduates trained annually;
2. Eight post-graduate students from developing countries trained annually;
3. A documentation centre on environmental and resource economics at the Williams College;
4. Expert workshop's assessment of and guidelines on building up capabilities in institutions of higher learning for training in application of environmental and natural resource economics in development policy and planning;
5. Research findings and workshop report.

FP/2103-91-01

ENVIRONMENTALLY SOUND ENERGY DEVELOPMENT – INDIA PILOT PROJECT

Implementation: Tata Energy Research Institute (TERI), in association with the Government of India

Scope: Regional: Asia and the Pacific

Duration: January 1992 - December 1994

Cost:

	$
To the Environment Fund :	372 000 (88%)
To TERI* :	50 000 (12%)
Total :	422 000

Specific objectives of the project

1. To enhance the technical and political awareness in India of the environmental impacts of energy production and use in general, and particularly the role of the energy sector in global greenhouse gas emissions;
2. To strengthen the existing institutional capacity and base of scientific and technical data for the development and implementation of environmentally sound energy policies in India;
3. To identify economic, institutional and technological factors that hamper the development of energy systems that are more environmentally benign.

Activities

1. Assembly of baseline data and establishment of methodologies for data analysis;
2. Development and assessment of possible energy scenarios;
3. Preparation of case studies focusing on coal production, power production, industrial applications and urban and rural energy use;
4. Establishment of financial requirements for the implementation of the most appropriate and cost-effective alternative energy scenarios and identification of funding sources for possible implementation;
5. Development of a plan of action for carrying out the recommended set of activities;
6. Convening of a regional workshop for energy planners, researchers and policy makers, mainly from India, but also from other countries of the Asian region, to present the results of the project and discuss possible applications in the other countries.

Outputs

1. Planning models, methods and databases;
2. A plan of action, including time bound national implementation programmes, funding and technological requirements;
3. Environmentally sensitized energy planners;
4. A report on the regional workshop.

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* Contribution in kind

FP/2105-92-01

ENVIRONMENTAL LAW AND INSTITUTIONS PROGRAMME ACTIVITY CENTRE (ELI/PAC)

Implementation: Direct

Scope: Global

Duration: January 1992 - December 1993

Cost: To the Environment Fund : $4 475 000

Specific objectives of the project

1. To develop, establish and encourage wide acceptance and implementation of international legal instruments, including treaties and protocols for the protection of the environment at the sub-regional, regional and global levels;

2. To provide legal advice and assistance to Governments, especially in developing countries, in the formulation and implementation of national environmental legislation;

3. To enhance awareness of Governments, through provision of information, on existing international legal instruments and development of such instruments in the environmental field and to advise Governments on how best to participate in such agreements.

Activities

1. Convening of expert/intergovernmental meetings for the negotiation, adoption, review and amendment of conventions or other legal instruments;

2. Preparation of guidelines for the formulation and implementation of national environmental legislation;

3. Preparation and distribution of information material on environmental legislation;

4. Establishment and maintenance of a data bank on national and international environmental legislation;

5. Organization of seminars, symposia, workshops and other programmes for the exchange of information and experience;

6. Organization of programmes and events for improving public awareness of environmental law;

7. Training of personnel of developing country administrations.

Outputs

1. International conventions and other legal instruments in the field of the environment;

2. Guidelines for the formulation and implementation of national environmental legislation;

3. Publications on international instruments;

4. Reports on conferences, seminars, symposia and workshops;

5. A data bank on national and international environmental legislation;

6. Developing country personnel trained in the development and application of international environmental law.

FP/RA/CP/4101-91-01

HARMONIZATION OF ENVIRONMENTAL MEASUREMENT (HEM) – PHASE II

Implementation: Forschungszentrum fuer Umwelt und Gesundheit GmbH (GSF), Germany

Scope: Global

Duration: January 1991 – December 1993

Cost:

	$
To the Environment Fund :	511 000 (43%)
To the Government of Germany* :	687 428 (57%)
Total :	1 198 428

Specific objectives of the project

1. To contribute to reaching an international agreement on harmonized measurement, analytical data management and assessment procedures for specific groups of variables in particular environmental sectors, starting with air quality;

2. To provide outputs suitable for inclusion in conventions or protocols on climate change, biological diversity and other topics;

3. To assist in the development of adequate national and international harmonized analytical quality control and quality assurance procedures;

4. To promote the integrated approach to environmental monitoring and assessment allowing comparison of data from different areas through improved and internationally accepted natural resource classifications;

5. To provide a global information system on programmes and activities dealing with environmental data and their modes of operation.

Activities

1. Preparation and undertaking of workshops to define the specific needs of harmonization and to develop guidelines to aid in the improvement of measurements, analytical data management and assessment procedures in the measurement of air quality;

2. Collection of background information for inclusion in a catalogue of existing systems of vegetation classification and the convening of expert group meetings to discuss this catalogue and to evaluate the various systems in use in order to propose a general vegetation classification system;

3. Establishment and continuous updating of a database and directory of standard reference materials;

---

* Contributions in cash and kind

4. Compilation and dissemination of a database on activities carried out at national, regional and global levels in fields related to environmental monitoring and assessment;

5. Establishment of links with relevant international organizations and national institutions.

Outputs

1. Recommendations for internationally acceptable guidelines for measurement, analytical data management and assessment procedures;

2. A catalogue of existing natural resource classification systems pertaining to vegetation;

3. Provisional recommendations for a practical international classification system of global vegetation;

4. A database and a directory of standard reference materials, including methods for obtaining such reference materials;

5. A database containing information on programmes and activities in fields related to environmental monitoring and assessment and natural resource classification.

FP/4101-91-02

STRENGTHENING OF ENVIRONMENTAL DATA DEVELOPMENT AND MANAGEMENT IN THE COMMONWEALTH OF INDEPENDENT STATES

Implementation: USSR Commission for UNEP (UNEPCOM), in association with the USSR State Committee for Environmental Protection and the USSR State Committee for Hydrometeorology

Scope: Regional: Europe

Duration: April 1991 - September 1992

Cost: To the Environment Fund: $139 500

Specific objectives of the project

1. To increase the availability of USSR environmental data for use in environmental management at both the national and international levels;

2. To incorporate existing USSR environmental data into the Global Environmental Monitoring System (GEMS) data bases for future use in the development of appropriate environmental condition indices;

3. To identify sites for additional GEMS air and water quality monitoring stations within the USSR;

4. To increase environmental data input in the international GEMS networks.

Activities

1. Development and establishment of an environmental data centre in the USSR for the collation of information on geographical location, meteorological variables and calendar dates for air pollution, water quality, biological monitoring, natural resources, wastes and transport-related pollution;

2. Application of time-trend analysis and geographical variations to relate such data to emission inventories, climate differences, levels of industrialization and legislative parameters;

3. Visits by specialists to appropriate UNEP centres in order to enable them to establish functional data bases in the USSR;

4. Inclusion of the USSR data within GEMS sectoral assessments and UNEP's environmental data report;

5. Preparation and publication of a report on the environmental state-of-the-art in the USSR.

Outputs

1. An environmental data centre at the Environmental and Climate Monitoring Institute (LAM), USSR;

2. Data tables and time trends illustrating the current local and regional situations with regard to pollutants, wastes and energy use;

3. A functional environmental data base;

4. An environmental state-of-the-art report for the USSR.

FP/4101-91-03

DEVELOPMENT OF THE WHO/UNEP GLOBAL ENVIRONMENTAL RADIATION MONITORING NETWORK (GERMON)

Implementation: World Health Organization (WHO)

Scope: Global

Duration: November 1991 - October 1993

Cost:

	$
To the Environment Fund :	200 000 (59%)
To WHO :	140 500 (41%)
Total :	340 500

Specific objectives of the project

1. To improve the operational capabilities of the global environmental radiation monitoring network and develop it further so that in the event of nuclear accidents or radiological emergencies, it can provide rapid and reliable radiation measurements;
2. To provide regular reliable assessments of the global and regional environmental radiation situations.

Activities

1. Expansion of the geographical coverage of the Global Environmental Radiation Monitoring Network (GERMON), particularly in developing countries;
2. Collection and evaluation of data from the national monitoring and data centres into the GERMON data base located at the Coordinating Centre in France;
3. Organization of inter-laboratory analytical comparisons to ensure that data are comparable;
4. Preparation of radiation situation reports for 1991 and 1992;
5. Preparation, publication and distribution of reports and documents on the GERMON programme, as well as a public information leaflet on GERMON;
6. Provision of technical advice to several developing countries;
7. Provision of training fellowships for ten developing country specialists to attend short courses at the GERMON Coordinating Centre, Le Vesinet, France, the US Environmental Protection Agency National Air and Radiation Environmental Laboratory, Montgomery, Alabama, USA and at the Australian Radiation Laboratory, Yallambie, Victoria, Australia.

Outputs

1. Reliable data on radionuclides that can be used for global and regional assessment purposes held in a data base at the Coordinating Centre;
2. Laboratory intercomparison studies for analytical quality assurance of analysed samples;
3. Global environmental radiation situation reports for 1991 and 1992;
4. Reports and documents, including a public information leaflet on GERMON;
5. Advice to participating countries, particularly developing countries, on their technical and communication problems;
6. Ten specialists from developing countries trained in environmental radiation monitoring.

FP/CP/4102-91-01

WORLD INFORMATION DISSEMINATION UNIT ON CLIMATE CHANGE

Implementation: Direct

Scope: Global

Duration: June 1991 - May 1992

Cost:

	$
To the Environment Fund :	1
The Government of Switzerland :	671 141
Total :	671 142

Specific objectives of the project

1. To establish the World Information Dissemination Unit on Climate Change, which will collect and coordinate existing data and other information on climate change and act as an international clearing-house;

2. To meet the information requirements, through appropriate packaging of the incoming data and other information, for decision-makers in countries preparing to deal with the challenge of global warming, for the general public, for national and international media requiring easily assimilable and accurate information on global warming and climate change, and for scientists from developing countries requiring access to the latest scientific and technical information;

3. To assist in education and training programmes for scientists from developing countries, technicians and policy-makers on all aspects of climate change issues including economic aspects and the means of mitigating the potential adverse effects.

Activities

1. Establishment of the World Information Dissemination Unit on Climate Change;

2. Identification of information and data sources and their linkage with other relevant institutes to avoid duplication of effort;

3. Preparation of information material for the media and for the general public;

4. Preparation and convening of seminars, workshops, expert missions and education and training programmes for experts from developing countries.

Outputs

1. The World Information Dissemination Unit on Climate Change, which will serve as a clearing-house that links various research institutions world-wide;

2. A data base on climate change and global warming;

3. Publications, newsletters, television films and audio-visual kits;

4. Trained national experts.

FP/4102-91-02

PREPARATION OF A METHODOLOGY TO UNDERTAKE NATIONAL GREENHOUSE GASES ABATEMENT COSTING STUDIES

Implementation: Riso National Laboratory, Denmark

Scope: Global

Duration: November 1991 - December 1992

Cost:

	$
To the Environment Fund :	300 000 (91%)
To Riso National Laboratory :	30 000 (9%)
Total :	330 000

Specific objectives of the project

1. To estimate the economic costs of the policies and measures of limiting greenhouse gas emissions in all countries of the world;

2. To provide Governments with a tested methodology for undertaking cost assessments of greenhouse gas emission reductions at the national level.

Activities

1. Conducting national case studies for six countries with different energy and economic systems and that are also at different stages of economic development;

2. Synthesis of the results of the national studies in order to develop a broad methodological framework to be used as a basis for further studies in other countries;

3. Preparation and publication of a report containing revised methodological guidelines for undertaking cost assessments of greenhouse gas emission reductions.

Outputs

1. National case study reports;

2. A comprehensive report on the studies carried out in the various countries;

3. Revised methodological guidelines.

FP/4102-91-03

DEVELOPMENT OF A METHODOLOGY FOR COUNTRY CASE STUDIES ON SOURCES AND SINKS OF GREENHOUSE GASES

Implementation: United Kingdom Meteorological Office

Scope: Global

Duration: October 1991 – March 1992

Cost:

To the Environment Fund : $125 000.00

Specific objectives of the project

1. To develop a methodology for a world-wide study of sources and sinks of greenhouse gases;
2. To enhance participation of experts from developing countries in greenhouse gas inventory studies;
3. To work out strategies for the co-ordination of greenhouse gas inventory studies beyond 1991.

Activities

1. Development of a methodology for a world-wide study of sources and sinks of greenhouse gases;
2. Financing the participation of a developing country expert to work with IPCC Working Group I in carrying out initial studies;
3. Convening of an Intergovernmental Panel on Climate Change (IPCC) workshop on methodologies for estimating sources and sinks of greenhouse gases, Geneva, 5-6 December 1991.

Outputs

1. A methodology for a world-wide study of sources and sinks of greenhouse gases;
2. An agenda for further coordination of studies on greehouse gases inventories;
3. A report of the workshop on methodologies for estimating sources and sinks of greenhouse gases.

FP/CE/CP/4106-91-01

MANAGEMENT AND OPERATION OF THE GLOBAL RESOURCE INFORMATION DATABASE PROGRAMME ACTIVITY CENTRE (GRID/PAC)

Implementation: Direct

Scope: Global

Duration: January 1992 - December 1993

Cost:

	$
To the Environment Fund :	1 855 000 (33%)
To the Technical Cooperation Trust Fund to ProvideExperts to the Secretariat of the Southern African Development Coordination Conference (SADCC), financed by the Government of Finland :	140 000 (2%)
Counterpart Contribution from the Government of Switzerland :	135 171 (2%)
In-kind contributions from various sources :	3 555 000 (63%)
Total :	5 685 171

Specific objective of the project

To provide operational links between GRID and international users - both within UNEP and outside, through the establishment of a programme activity centre.

Activities

1. Establishment and management of the Global Resource Information Database Programme Activity Centre (GRID/PAC);
2. Acquisition, verification, geo-referencing, archiving and dissemination of environmental datasets;
3. Provision of appropriate technology and expertise for undertaking environmental assessments and solving environmental problems and providing management options;
4. Technical support, including formal training and on-the-job case study applications, for the establishment of information handling capabilities in developing countries and sub-regional coordinating bodies;
5. Continuous review of information-handling technologies to ensure that GRID continues to provide a cost-effective and efficient service within Earthwatch;
6. Continuation of interactive agency briefings with United Nations and other agencies to inform them about GRID and identify data needs and gaps and potential areas of cooperation and application in projects;
7. Ongoing appraisal of emerging technologies and applications offering improved data management and interpretation capabilities.

Outputs

1. A programme activity centre;
2. Environmental datasets in geographical information systems (GIS) format on computer-compatible media;
3. The results of specific decision support applications of GIS technology;
4. Information-handling capabilities in developing countries and sub-regional coordinating bodies;
5. Trained personnel.

FP/5201-91-01

CONTROL OF NON-POINT POLLUTION FROM AGRICULTURAL SOURCES IN THE VISTULA BASIN

Implementation: World Health Organization (WHO), in association with the Governments of the Netherlands and Poland

Scope: Europe: Poland

Duration: September 1991 - August 1994

Cost:

	$
To the Environment Fund :	130 000 (38%)
To the Government of the Netherlands :	100 000 (29%)
To the Government of Poland :	113 303* (33%)
Total :	343 303

Specific objectives of the project

1. To increase understanding about the degree to which agricultural pollution from non-point (diffuse) sources contributes to the overall environmental degradation of the Vistula Basin;

2. To assess the effects upon health of non-point pollution from agrochemicals;

3. To increase the issue of non-point pollution from agrochemicals.

Activities

1. Assessment of surface and ground water pollution from agricultural chemicals;

2. Impact assessment of effects upon health of non-point pollution from agrochemicals;

3. Formulation of guidelines for the proper management and control of fertilizers and pesticides in agriculture;

4. Organization of a training workshop in July 1993 at the Institute for Land Reclamation and Grassland Farming in Falenty, Poland, for 30 Polish Government officials to enhance their technical knowledge in the field of controlling non-point pollution of surface and ground water from fertilizers and pesticides.

Outputs

1. Enhanced baseline data on environmental pollution of surface and ground water due to agrochemicals from non-point sources;

2. Guidelines for the proper management and control of fertilizers and pesticides in agriculture, minimizing their negative impact on surface and ground water quality;

3. Thirty agricultural extension officers trained in applying the guidelines mentioned above.

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* Zloty 1,235,000 at January 1992 United Nations rate of exchange

FP/5201-91-02

SUPPORT TO INTEGRATED BASIN MANAGEMENT AND DEVELOPMENT OF NATURAL RESOURCES AND HUMAN ACTIVITIES

Implementation: Direct

Scope: Global

Duration: December 1991 – December 1993

Cost:

To the Environment Fund: $689 000

Specific objectives of the project

1. To improve the capability of developing countries to establish their own policies on environmentally sound development of freshwater resources;

2. To discuss past, present and future plans of UNEP on environmental aspects of water resources and freshwater ecosystems with a view to improving the programme of integrated management and development of natural resources;

3. To increase the number of trained personnel in developing countries with technical capabilities for integrated basin management and development of natural resources.

Activities

1. Attendance of 37 developing country professionals at the International Conference on Water and Environment, Dublin, Ireland, 27-31 January 1992;

2. Convening of two water advisory group meetings;

3. Organization of four conferences/symposia jointly with the United Nations Educational, Scientific and Cultural Organization (Unesco), the International Water Resources Association, the International Association of Hydrological Sciences and other organizations, and designation of developing country professionals to participate in the conferences/symposia;

4. Preparation of inputs for reports of the Intersecretariat Group on Water Resources and participation at the meetings of the Intersecretariat Group on Water Resources, as well as at meetings of other United Nations agencies;

5. Publication of the proceedings of the four conferences/symposia.

Outputs

1. A report of the Dublin International Conference on Water and Environment;

2. Reports of the advisory group meetings;

3. Thirty developing country professionals trained in integrated multi-disciplinary management of water resources;

4. Proceedings of conferences/symposia;

5. Reports of the Intersecretariat Group on Water Resources.

FP/6101-91-01

REINFORCEMENT OF THE REGIONAL AND NATIONAL CAPABILITIES FOR SOIL DEGRADATION/DESERTIFICATION ASSESSMENT AND FOR SOIL AND TERRAIN DATABASE COMPILATION IN LATIN AMERICA

Implementation: The International Soil Reference and Information Centre (ISRIC), Netherlands, in association with the Food and Agricultural Organization (FAO) and the International Society of Soil Science, Austria

Scope: Regional: Latin America and the Caribbean

Duration: May 1991 - December 1992

Cost:

	$
To the Environment Fund :	230 000 (54%)
To ISRIC* :	130 000 (31%)
To the participating Governments** :	65 000 (15%)
Total :	425 000

Specific objectives of the project

1. To strengthen regional and national capabilities for soil degradation assessment and for map and data base compilation in Argentina, Brazil and Uruguay;

2. To develop methodologies for assessing of the status, rate and risk of soil degradation and the desertification process, based on a computerized soil and terrain data base developed under a previous project.

Activities

1. Preparation, publication and distribution of a procedures manual for the interpretation of human-induced soil degradation;

2. Preparation, publication and distribution of a training manual for the transfer of information/ technology;

3. Preparation, publication and distribution of a procedures manual for small-scale map and data base compilation;

4. Holding of a two-week training course in Uruguay, September 1991, on the use of the World Soil and Terrain Digital Database (SOTER) technology/methodology for 10 environmental scientists from Argentina, Brazil and Uruguay;

5. Preparation, publication and distribution of two brochures, one on the status of global human-induced soil degradation, the other on the concept and use of SOTER technology.

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* Contributions in cash and kind

** Contributions in kind

Outputs

1. A procedures manual for the interpretation of human-induced soil degradation in English, French and Spanish;

2. A training manual for the transfer of information/technology in English, French and Spanish;

3. A procedures manual for small-scale map and data base compilation in English, French and Spanish;

4. Ten environmental scientists from Argentina, Brazil and Uruguay trained in the use of SOTER technology/methodology;

5. Two promotional brochures.

FP/6101-91-02

ADVISORY SERVICES TO INDONESIA AND JAMAICA ON THE FORMULATION OF NATIONAL SOILS POLICIES

Implementation: Food and Agricultural Organization (FAO), in association with the International Society of Soil Science (ISSS), Vienna, Austria

Scope: Interregional: Asia and the Pacific, and Latin America and the Caribbean

Duration: September 1991 - December 1993

Cost:

	$
To the Environment Fund :	100 000 (26%)
To the Technical Cooperation Trust Fund to Provide Consultancies to Developing Countries Financed by the Government of the Republic of Finland :	100 000 (26%)
To FAO* :	135 000 (35%)
To ISSS* :	10 000 (2%)
To the Governments of Indonesia and Jamaica* :	45 000 (11%)
Total :	390 000

Specific objective of the project

To provide the Governments of Indonesia and Jamaica with the means to protect their soil resources by the formulation of national soils policies that are incorporated by their Governments into their national development plans.

Activities

1. Convening of a three-day round table discussion at FAO, in Rome, in October 1991, by representatives of FAO, UNEP, ISSS and the Governments of Indonesia and Jamaica to map out preparatory activities in the two countries for the fielding of multidisciplinary teams;

2. Fielding of multidisciplinary expert missions to Indonesia and Jamaica between November 1991 and March 1992 to prepare draft reports on the countries' soils;

3. Convening of a second five-day round table discussion at FAO, Rome in July 1992 to review and endorse the draft reports presented by the multidisciplinary teams;

4. Publication and presentation of the final reports to the respective Governments for their adoption.

Outputs

National soils policies drafted for adoption as part of the national development plans of Indonesia and Jamaica.

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* Contributions in kind

FP/6104-91-01

TRAINING WORKSHOPS ON SAFE HANDLING AND USE OF PESTICIDES AND HOUSEHOLD CHEMICALS FOR LEADERS OF WOMEN'S GROUPS IN SELECTED COUNTRIES OF THE ASIAN/PACIFIC REGION

Implementation: Direct, in collaboration with various national organizations

Scope: Regional: Asia and the Pacific

Duration: March 1991 – December 1992

Cost:

	$
To the Environment Fund :	54 000 (55%)
To the Food and Agricultural Organization (FAO)* :	10 000 (10%)
To the Government of Malaysia* :	5 000 (5%)
To the Government of Papua New Guinea* :	5 000 (5%)
To the Government of Sri Lanka* :	5 000 (5%)
To the South Pacific Regional Environment Programme (SPREP)* :	5 000 (5%)
To the International Organization of Consumers Union (IOCU), Malaysia* :	5 000 (5%)
To the National Alliance for Non-Governmental Organizations of Papua New Guinea (NANCO)* :	5 000 (5%
To the Sri Lanka Environment Congress (SLEC)* :	5 000 (5%)
Total :	99 000

Specific objectives of the project

1. To enhance, through training, the awareness of women leaders of the human health and environmental impacts associated with misuse of pesticides and other chemicals;

2. To provide the trained women leaders with the skills needed to impart knowledge to larger audiences at the village level.

Activities

1. Preparation of a simplified manual on organizing village-level training programmes, covering topics such as planning and using formal and informal training aids, and motivational techniques;

2. Preparation of a manual providing basic technical information on the toxicity, safe use and handling of pesticides and other agricultural chemicals, medicines, food additives and preservatives and other commonly available chemical substances used in the home;

3. Preparation of a set of master training materials and suggestions for preparing relevant brochures, posters, other printed materials, slide and video presentations and puppet shows;

4. Adaptation/translation of training materials into suitable local languages;

5. Holding of a series of national training workshops for approximately 150 women group leaders for each of the three participating countries.

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* Contributions in kind

Outputs

1. A set of training manuals;

2. A set of master training materials and learning aids;

3. Translated training manuals and adapted audio-visual and printed learning aids;

4. Approximately 150 women group leaders per country trained on the various human health and environmental hazards arising from the misuse and abuse of potentially toxic chemicals.

FP/6104-91-02

A JOINT UNEP/ICIPE PUBLICATION "BEYOND THE SILENT SPRING" AND A GLOBAL REVIEW OF INTEGRATED PEST MANAGEMENT ACTIVITIES

Implementation: The International Centre of Insect Physiology and Ecology (ICIPE), Nairobi, Kenya

Scope: Global

Duration: November 1991 - June 1992

Cost:

	$
To the Environment Fund :	100 000 (50%)
To ICIPE :	100 000 (50%)
Total :	200 000

Specific objective of the project

To enhance public awareness of the impact of pesticides on the environment and public health, as well as the advantages of integrated pest management, through publication and wide distribution of a book entitled *Beyond the Silent Spring*.

Activities

1. Review and assessment of the impact of national and international integrated pest management related activities;

2. Review of national and international activities in the field of chemical safety in general and pesticide-related problems in particular, and the subsequent publication of a book, *Beyond the Silent Spring*, for distribution at the United Nations Conference on Environment and Development (UNCED).

Outputs

1. A review of global integrated pest management activities;

2. A publication entitled *Beyond the Silent Spring*.

FP/6105-90-04

CONSERVATION AND MANAGEMENT OF LIVESTOCK GENETIC DIVERSITY

Implementation: Food and Agricultural Organization of the United Nations (FAO)

Scope: Global

Duration: November 1990 - October 1992

Cost:

	$
To the Environment Fund :	145 000 (42%)
To FAO :	200 000 (58%)
Total :	345 000

Specific objectives of the project

1. To enhance the capabilities of developing countries to improve conservation and management of animal genetic diversity and to raise national and international concerns for this resource;
2. To encourage the generation and use of information on the distribution, population sizes and productivity of less well known animal breeds;
3. To provide both developing and developed countries with the broadest possible diversity of animal genetic resources essential for livestock improvement.

Activities

1. Expansion and further development of the pilot regional data banks established under a previous project to include countries not covered in the pilot phase and linking those data banks to the regional gene banks;
2. Establishment and continuous updating of a global data bank on animal genetic resources at the School of Veterinary Medicine, Hanover, Germany;
3. Development of a world-wide list of endangered animal breeds;
4. Development of appropriate methodologies for the establishment of live animal reserves;
5. Organization of three short regional training courses in biotechnological advances in the area of animal genetic resources, May 1991, Cryoconservation, November 1991 and Animal Gene and Data Bank Management, May 1992, each to be attended by 10 young scientists from developing countries of Africa, Asia and Latin America;
6. Preparation, publication and distribution of two issues per year of a Newsletter entitled *Animal Genetic Resources Information* in English, French and Spanish; a manual for operating live-animal preservation programmes; and a world-wide list in English, French and Spanish of endangered animal breeds.

Outputs

1. Operational regional animal data and gene banks for Africa, Asia, Europe and Latin America;
2. An operational global data bank for animal genetic resources;
3. A manual on appropriate methodologies for the establishment of live- animal reserves;
4. A world-watch list of endangered animal breeds;
5. Four issues of *Animal Genetic Resources Information* newsletter.

FP/6105-91-02

MEETING BETWEEN THE AFRICAN ELEPHANT RANGE STATES AND DONORS ON FINANCING OF THE CONSERVATION OF THE AFRICAN ELEPHANT

Implementation: Direct, in association with the African Wildlife Foundation (AWF)

Scope: Regional: Africa

Duration: October 1991 – May 1992

Cost:

	$
To the Environment Fund :	40 000 (6%)
To the Government of France :	76 000 (12%)
To the Government of USA :	90 000 (13%)
To the European Economic Community :	72 000 (11%)
To the AWF/USAID* :	370 000 (58%)
Total :	618 000

Specific objectives of the project

1. To assist African Elephant Range States in the development of effective conservation policies/ programmes, as well as conservation strategies and action plans to improve the conservation of the African Elephant and its ecosystems;

2. To provide funds to the Range States to assist them in achieving improved conservation of the African Elephant as a key species in African ecosystems in the context of overall land-use patterns.

Activities

1. Review and publication in English and French of summaries of the contents of African Elephant Range States Conservation Action Plans prepared by the participating states;

2. Convening and organization of a meeting between Range States and Donors at UNEP Headquarters, Nairobi, 27-31 January 1992;

3. Preparation of a *Meeting Overview* document covering deliberations of the meeting;

4. Issue of media material.

Outputs

1. A set of African Elephant Range States Conservation Action Plans;

2. A *Meeting Overview* document;

3. Media material.

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* Contribution in kind.

FP/RA/7104-91-01

DEVELOPMENT OF A UNITED NATIONS CENTRE FOR URGENT ENVIRONMENTAL ASSISTANCE (UNCUREA)

Implementation: Direct

Scope: Global

Duration: October 1991 – March 1993

Cost:

To the Environment Fund: $1 071 000.00

Specific objectives of the project

1. To improve United Nations response to environmental emergencies;

2. To establish a United Nations Centre for Urgent Environmental Assistance on an experimental basis focusing on human-induced environmental emergencies.

Activities

1. Preparation of a master plan for the establishment of a centre for urgent environmental assistance;

2. Establishment of a data base on environmental emergencies, including response actions, damage, injuries and other socio-economic information, as well as a roster of experts and equipment;

3. Collection and review of United Nations agency materials and other relevant documents on existing response to human-induced environmental emergencies and disasters, including communication systems and data sources;

4. Preparation of case studies on response to the environmental emergencies following the Bhopal disaster in December 1984, the fire in a chemical warehouse at a plant in Basel in November 1986, and the situation between Iraq and Kuwait in January 1991;

5. Preparation of a draft report for submission to the seventeenth session of the UNEP Governing Council.

Outputs

1. A master plan for the establishment and operation of the centre;

2. A data base on environmental emergencies;

3. A report on the best means of maintaining a roster of experts and appropriate equipment for dealing with environmental emergencies;

4. Three case studies;

5. A draft report for the UNEP Governing Council.

FP/8201-91-02

STRENGTHENING ENVIRONMENTAL MANAGEMENT IN LATIN AMERICA: THE CASE OF CHILE

Implementation: Government of Chile

Scope: Latin America and the Caribbean: Chile

Duration: January 1992 - December 1993

Cost:

	$
To the Environment Fund :	211 900 (52%)
To the Government of Chile* :	195 400 (48%)
Total :	407 300

Specific objectives of the project

To assist the Government of Chile to:

(a) Formulate a National Environmental Policy;

(b) Formulate sectoral and specific environmental policies;

(c) Design an administrative system, including the functions and responsibilities of its components, as well as the mechanisms for coordination and cooperation, in order to incorporate environmental management into public administration and into the activities of the Chilean society;

(d) Quantify human, technical, material and financial resources needed for strengthening environmental management in Chile.

Activities

1. Preparation, publication and dissemination of a national environmental policy document for Chile;
2. Elaboration of a set of documents containing sectoral and special environmental policies;
3. Preparation of a study for the design of an environmental management public administration system in Chile;
4. Elaboration of a financial study to determine required resources and proposals for obtaining them;
5. Preparation of a medium-term national environmental plan;
6. Preparation, publication and distribution of a report on guidelines for strengthening environmental management in Latin America and the Caribbean based on the case of Chile.

Outputs

1. A document entitled *A National Environmental Policy for Chile*;
2. A set of documents containing proposals for sectoral and special environmental policies;
3. A document containing a proposal for an administrative system for environmental management in Chile;
4. A medium-term national environmental plan;
5. A report entitled *Guidelines for the strengthening of environmental management in Latin America and the Caribbean: the case of Chile.*

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* Contribution in kind

FP/9101-91-61

ASSESSMENT AND PROMOTION OF HUMAN RESOURCES FOR RIVER-WATER QUALITY MANAGEMENT

Implementation: Japan Society on Water Pollution Research (JSWPR), Tokyo, Japan

Scope: Regional: Asia and the Pacific

Duration: January 1991 - June 1993

Cost:

	$
To the Environment Fund :	167 000 (70%)
To JSWPR :	67 000 (28%)
To the University of Malaysia* :	5 000 (2%)
Total :	239 000

Specific objective of the project

To strengthen human resources for river-water quality management in Asia and the Pacific region.

Activities

1. Survey in Malaysia, Philippines and Thailand to identify the availability of skilled personnel for river water quality management and the compilation of the results for a diagnostic study;

2. Convening of a steering group meeting in October 1991 to review the experiences of Japan, Korea and Singapore in river water quality control and the diagnostic study on the situation in Malaysia, Philippines and Thailand, and to determine the outline of a manual on human resource development for river water quality management;

3. Convening of a workshop on human resource development for river water quality management in May 1992 at the University of Malaysia to be attended by 15 professionals who must be engineers dealing with water quality problems, university/college lecturers training water engineers or hydrologists from the South-east Asian countries;

4. Convening of a steering group meeting in August 1992 to comment on the draft manual and to incorporate suggestions made by the workshop participants;

5. Finalization and publication of the manual.

Outputs

1. A diagnostic study on human resources for river water quality management in Malaysia, Philippines and Thailand;

2. A manual on human resource development for river water quality management in the South-east Asian countries;

3. Fifteen professionals with enhanced knowledge on human resource development for river water quality management.

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* Contribution in kind

FP/9101-91-62

SUPPORT TO THE SOUTH PACIFIC REGIONAL ENVIRONMENT PROGRAMME (SPREP)

Implementation: Secretariat of the South Pacific Regional Environment Programme (SPREP) hosted by the South Pacific Commission (SPC), in association with the Association of South Pacific Environmental Institutions (ASPEI)

Scope: Regional: Asia and the Pacific

Duration: March 1991 - August 1992

Cost:

	$
To the Environment Fund :	608 963 (11%)
To the Australian Government :	48 537 (1%)
To SPC/ASPEI and participating Governments* :	4 656 150 (88%)
Total :	5 313 650

Specific objectives of the project

The objectives, activities and outputs of the project are dealt with separately and annexed herewith.

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* In cash and kind.

Annex I

GENERAL SUPPORT TO SPREP

Specific objectives of the project

1. To assist in the revision of the Action Plan for the South Pacific Regional Environment Programme;

2. To improve dissemination of environmental information in the region through the SPREP newsletter and around the world through the Coral Reef Newsletter;

3. To assist in responding to emergency marine pollution incidents in the South Pacific Region through the provision of expert assistance and guidelines.

Activities

1. Updating of country reports and selected topic reviews to be used as a basis for the revision of the Action Plan for presentation to the United Nations Conference on Environment and Development (UNCED);

2. Production and distribution on a regular quarterly basis of the SPREP Newsletter and support for the production and distribution of the Coral Reef Newsletter on a biannual basis;

3. Preparation of a set of guidelines for responding to marine pollution incidents;

4. Annual consultations between SPREP and UNEP in order to continue and foster joint programming and project implementation;

5. Representation of ASPEI members at SPREP intergovernmental meetings to assist SPREP to formulate work programmes based on sound scientific and technical advice.

Outputs

1. Updated country reports and selected topic reviews;

2. Quarterly issues of the SPREP Newsletter and biannual issues of the Coral Reef Newsletter;

3. Guidelines for local government officials on marine pollution incident response;

4. Annual SPREP work programmes.

Annex II

ASSISTANCE TO THE SOUTH PACIFIC ISLAND STATES AND TERRITORIES TO AVOID OR MITIGATE THE POTENTIAL IMPACT OF EXPECTED CLIMATE CHANGES

Specific objectives of the project

1. To improve the understanding of the potential impact of expected climatic changes;

2. To assist in determining the possible response options and measures to avoid or mitigate the impact of climatic changes;

3. To assist in implementing measures which may avoid or mitigate the impact of climatic changes.

Activities

1. Fielding of at least eight preparatory missions to States in the region whose Governments have expressed interest in the preparation of in-depth country studies;

2. Assistance to the Vanuatu National Environmental Committee in identifying response policies, plans, measures and follow-up activities;

3. Undertaking a site-specific study and preparation of a report for the Government of Tonga and SPREP, identifying response-planning options for the site studied;

4. Convening public awareness seminars in at least nine States which are not included in the list of preparatory missions;

5. Preparation, production and distribution of a booklet entitled *Climate of crisis* in English and French;

6. Production, printing and distribution of a factsheet/poster illustrating the potential effects of climate change and sea-level rise on Pacific Island ecosystems and communities;

7. Distribution of information relevant to climatic changes;

8. Inclusion of materials relevant to climatic change in educational systems and activities.

Outputs

1. Eight reports on preparatory missions;

2. Advice to the National Environmental Committee of Vanuatu;

3. A site-specific study on the potential impacts of climatic changes in Tonga, including the identification of suitable response options;

4. Nine public awareness seminars;

5. A factsheet/poster on the potential impacts of climate change and sea- level rise on Pacific Island ecosystems and societies.

Annex III

POLLUTION ASSESSMENT AND CONTROL IN THE SOUTH PACIFIC REGION

Specific objectives of the project

1. To assist the Governments of the region in establishing a regionally coordinated pollution assessment and control programme (SPREP/POL);

2. To assist the Governments of the region in the formulation of proposals for technical, administrative and legal pollution control and abatement measures, as well as in their implementation and evaluation of their effectiveness;

3. To strengthen the capabilities of national and regional institutions to carry out marine pollution monitoring and research, as well as to formulate and apply pollution control and abatement measures.

Activities

1. Monitoring at seven sites for organochlorine pesticides and heavy metals in water, sediment and shellfish, and at one site for microbiology, in order to assess the environmental problems of the sites and make proposals for measures that may eliminate or mitigate these problems;

2. Undertaking of a regional baseline study on the sources and amounts of land-based contaminants reaching the coastal waters to provide background information for the planned protocol on control of pollution from land-based sources by the SPREP Convention;

3. Undertaking of additional baseline studies to cover the assessment of pollution levels by the measurement of selected marine contaminants;

4. Collection of data on the levels and distribution of other pollutant substances;

5. Carrying out research and studies on the role of sedimentation in the pollution of the South Pacific Region, current circulation modelling in the South-west lagoon of New Caledonia, and on analysis of long-term monitoring data in the coastal waters of Guam;

6. Formulation of proposals for pollution control measures and response to marine pollution incidents;

7. Training of national scientists and technicians in pollution assessment and control.

Outputs

1. Recommendations to Governments for strategies and responses to marine pollution problems;

2. Scientists and technicians trained in techniques, methods and procedures of marine pollution assessment and control;

3. A regional report summarizing information on land-based pollutant sources and quantities;

4. A regional report on sediment inputs of pollutants to the marine environment;

5. Data on marine pollutant sources, pathways, levels and effects;

6. Reference data on environmental conditions in areas where baseline studies are conducted.

Annex IV

CONSERVATION OF BIOLOGICAL DIVERSITY IN THE SPREP REGION

Specific objectives of the project

1. To raise awareness among member countries of global and regional biological diversity issues and progress towards the development of a global convention for the conservation of biological diversity;

2. To prepare a common South Pacific position for the negotiations on the global convention;

3. To encourage participation in other global and regional conservation conventions.

Activities

1. Preparation and convening of a one-week workshop on biological diversity at Port Vila, Vanuatu, 24-25 October 1991, to be attended by approximately 25 technical and legal experts from the region;

2. Preparation and distribution of a report on the workshop.

Outputs

1. Approximately 25 technical and legal experts with enhanced awareness of biodiversity issues;

2. A report on the biodiversity workshop for distribution to government departments and other interested institutions and individuals.

Annex V

ENVIRONMENTAL EDUCATION AND INFORMATION

Specific objective of the project

To increase environmental awareness, education and training at all levels in the South Pacific through:

- Formal and practical training in Micronesia;
- Training of teachers, officials and media personnel in the Cook Islands in the use of print, radio and video media;
- Production of environmental education materials for schools in the region.

Activities

1. Convening of a one-week workshop on conservation values at the Community College of Micronesia in mid-late 1991 for approximately 20 teachers;
2. Convening of an environmental media workshop in mid-1991 for approximately 20 teachers, officials and media personnel in the Cook Islands;
3. Publication and distribution of two issues of the regional environmental education journal.

Outputs

1. Approximately 20 teachers from Palau, the Marshall Islands and the Federated States of Micronesia with increased understanding of conservation values and how these may be incorporated into their classroom work;
2. Approximately 20 teachers, officials and media personnel in the Cook Islands trained in the use of print, radio and video for environmental awareness raising;
3. Reports of the two workshops;
4. Two issues of the regional environmental education journal.

Annex VI

PACIFIC SCIENCE CONGRESS

Specific objective of the project

To foster the interaction and collaboration of the East Asian, South-east Pacific and South Pacific Regional Seas Programmes and experts from the North-west Pacific on issues of common interest.

Activities

1. Preparation and presentation of papers by participants at the Pacific Science Congress scheduled for May 1991;

2. Convening of the Pacific Science Congress in Honolulu, Hawaii, May 1991, to be attended by experts in climate change, marine pollution monitoring, coastal management and other aspects of the Action Plans in the Pacific Basin;

3. Holding a seminar at the Pacific Science Congress in May 1991 for approximately 40 marine scientists to develop interregional activities among Regional Seas Programmes in the Pacific Basin;

4. Producing a document containing the edited papers produced by the UNEP-sponsored participants at the Pacific Science Congress and other papers of particular relevance to the Regional Seas Programmes.

Outputs

1. A report of the interregional seas seminar;

2. A volume of selected Pacific Science Congress papers.

Annex VII

STRENGTHENING OF ENVIRONMENTAL LEGISLATION IN THE SOUTH PACIFIC REGION

Specific objectives of the project

1. To provide for the active participation of the Governments of the region in the development and implementation of regional and global agreements on the environment;

2. To strengthen the capabilities of Governments of the South Pacific region to prepare and implement environmental legislation.

Activities

1. Convening of a one-week workshop in 1992 to be attended by approximately 25 government and academic legal personnel, who will be required to present all relevant legislation from their respective countries, as well as a comprehensive overview, to the workshop;

2. Preparation of a review of the status of environmental legislation, including problems and possible solutions regarding the development of environmental legislation, with model legislation and guidelines for legislation development.

Outputs

1. Approximately 25 government and academic legal personnel trained in the drafting and revision of environmental legislation;

2. An informal network of environmental legal personnel in the South Pacific region;

3. A review of the status of environmental legislation in the South Pacific region, including a review of problems in developing environmental legislation and possible solutions to those problems, models for environmental legislation and guidelines for developing such legislation.

FP/9101-91-63

SUPPORT TO THE INDUSTRY AND ENVIRONMENT PROGRAMME ACTIVITY CENTRE: PHASE I

Implementation: Direct, in association with various international organizations

Scope: Global

Duration: January – December 1992*

Cost:

To the Environment Fund : $2 885 808

Specific objectives of the project

1. To facilitate the application of UNEP technical guidelines in a number of industrial sectors, particularly in developing countries;

2. To improve access to industrial environmental information and experience, particularly on cleaner production and industrial safety;

3. To strengthen national capabilities for managing environmentally sound industrial development through training of selected industrial managers and government personnel from developing countries;

4. To meet the needs of developing countries in the field of environmental management of their industries through provision of technical assistance.

Activities

The activities and outputs of each sub-project are described separately and annexed hereto.

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* Workplan approved through December 1993 subject to availability of funds.

Annex I

INDUSTRY AND ENVIRONMENT

Activities

1. Preparation of technical reports on the electronics industry, slaughterhouses and breweries;

2. Provision of technical assistance to three demonstration projects in the area of cleaner production and three demonstration projects in the area of prevention of industrial accidents in different parts of the developing world;

3. Convening of training workshops for industry managers, government officials and representatives of environmental groups in order to enhance their knowledge and skills to define and implement sustainable industrial environment policies;

4. Dissemination and transfer of information through the quarterly *Industry and Environment Review* in Chinese and English with summaries in French and Spanish; the biannual cleaner production newsletter in English and French; the biannual APELL newsletter in English and French; and a computer-based information exchange system.

Outputs

1. Three technical reports;

2. Technical assistance provided to demonstration projects;

3. Two hundred personnel trained in the area of cleaner production;

4. Two hundred personnel trained in the area of industrial accidents;

5. Two issues of *Industry and Environment Review* per year in Chinese and English with abstracts in French and Spanish;

6. Two issues of cleaner production newsletter per year in English, French and Spanish;

7. Two issues of APELL newsletter per year in English and French;

8. Response to approximately 2,500 queries/requests for information.

Annex II

TRANSPORT AND ENVIRONMENT

Activities

1. Preparation of two technical documents on automotive air pollution, one on inspection and maintenance of vehicles, the other on buses and paratransit vehicles;

2. Technical assistance on transport and environment;

3. Convening of two regional workshops on automotive air pollution, one for Latin America in June 1992, the other for Africa in October 1992. Participants at the workshops will be decision makers in Governments, local communities and the transport industry;

4. Publication and dissemination of one issue of *Industry and Environment Review* on environmental impact of transportation.

Outputs

1. Two technical reports on automotive air pollution;

2. Fifty decision makers trained in transport and environment issues;

3. One issue of *Industry and Environment Review*.

Annex III

TOURISM AND ENVIRONMENT

Activities

1. Preparation of technical guidelines for tourism area planning, with particular emphasis on environmental management of hotels and restaurants;

2. Development of a code of conduct for the tourism industry;

3. Convening of a workshop in the Caribbean area for decision makers in Governments, local communities and the tourism industry to assist them in defining and implementing sound tourism policies;

4. Dissemination and transfer of information through one issue of the *Industry and Environment Review* on tourism and environment.

Outputs

1. Technical guidelines for tourism area planning;

2. A code of conduct for the tourism industry;

3. Thirty decision makers trained in tourism and environment issues;

4. One issue of *Industry and Environment Review* on tourism and environment.

Annex IV

WORKING ENVIRONMENT

Activities

1. Inclusion of working environment chapters in the industry and environment technical reports;

2. Preparation of environmental modules for inclusion in two existing International Labour Organization training activities;

3. Together with the International Labour Organisation, convening of training workshops for 30 representatives of workers associations in December 1992 at a venue to be determined by the International Labour Organisation;

4. Publication of one issue of *Industry and Environment Review* on the working environment.

Outputs

1. Chapters on the working environment in the three technical reports on industry and environment, as mentioned in Annex I;

2. Environmental modules included in two existing International Labour Organisation training activities for workers;

3. Fifty representatives of workers' associations from developing countries trained in environmental issues;

4. One issue of *Industry and Environment Review* on the working environment.

II. TRUST FUND PROJECTS

MF/2105-91-01

SECRETARIAT FOR THE INTERIM MULTILATERAL FUND ESTABLISHED UNDER THE MONTREAL PROTOCOL

Implementation: Secretariat for the Interim Multilateral Fund of the Montreal Protocol

Scope: Global

Duration: February – December 1991

Cost:

	$
To the Trust Fund for the Interim Multilateral Fund for the Implementation of the Montreal Protocol :	1 745 888 (76%)
Counterpart contribution from the Government of Canada :	548 247 (24%)
Total :	2 294 135

Specific objectives of the project

To enable the Interim Multilateral Fund Secretariat to perform the following functions:

1. To assist the Executive Committee of the Interim Multilateral Fund in the discharge of its functions, including development of programmes to be financed by the Fund and monitoring the activities of the implementing agencies;

2. To serve as the point of contact in the various matters concerning the Interim Multilateral Fund and in the discharge of its tasks.

Activities

1. Formulation of draft rules of procedure for the Executive Committee meetings, a revised 1991 budget of the Secretariat for the Interim Multilateral Fund and a revised, updated three-year plan and budget of the Interim Multilateral Fund for consideration and approval by the Executive Committee at its third meeting in Montreal, 15-19 April 1991;

2. Establishment of a Secretariat for the Interim Multilateral Fund and preparation of detailed implementation guidelines and criteria for project selection and the implementation of the activities supported by the Interim Multilateral Fund;

3. Formulation of specific agreements between UNEP, UNDP, the World Bank and the Executive Committee;

4. Follow-up of the responses of the agencies invited to cooperate with the Executive Committee;

Outputs

1. Draft rules of procedure for the Executive Committee meetings;

2. A secretariat for the Interim Multilateral Fund;

3. A revised 1991 budget of the secretariat;

4. A revised and updated three-year plan and budget of the Interim Multilateral Fund;

5. Detailed implementation guidelines and criteria for project selection and for implementation of activities;

6. Agreements between UNEP, UNDP, the World Bank and the Executive Committee;

7. Report on responses by agencies invited to cooperate with the Executive Committee.

IM/2105-91-02

UNEP PROGRAMME TO IMPLEMENT THE MONTREAL PROTOCOL

Implementation: Direct, in association with the Secretariat of the Interim Multilateral Fund, the United Nations Development Programme (UNDP) and the World Bank

Scope: Global

Duration: September 1991 - June 1992

Cost:

To the Technical Cooperation Trust Fund
for UNEP's Implementation of the Activities
Funded by the Interim Multilateral Fund
Established under the Montreal Protocol : $1 484 000

Specific objective of the project

To provide financial and technical assistance to developing countries which are parties to the Montreal Protocol to enable them to reduce and phase out chlorofluorocarbons (CFCs).

Activities

1. Preparation of country studies to provide profiles of the CFC situation in selected low-CFC-consuming countries and development of a preliminary action plan for each Government;

2. Convening of three regional training workshops on CFC-free technologies, one in Thailand, November 1991; the second in Egypt, December 1991; and the third in Venezuela, December 1991/January 1992. Participants will include national decision makers, industry representatives and experts involved in policies, strategies and implementation of CFC phaseout;

3. Establishment of a computerized information exchange clearing-house on technical and legal information on CFCs;

4. Preparation of technical brochures and documents focusing on refrigeration, air conditioning, foam reduction, solvents and fire fighting, and a training resource manual based on the experience of the workshops.

Outputs

1. Six country studies for six low-volume CFC consuming countries;

2. Approximately 150 trained personnel well versed on policies, strategies and implementation of CFC phaseout;

3. A computerized information exchange clearing-house on technical and legal information on CFCs, which is adapted to the needs of developing countries;

4. Technical brochures in the six United Nations official languages and documents on specific issues, as well as a training resource manual in English.

FP/CE/CP/4106-91-01

MANAGEMENT AND OPERATION OF THE GLOBAL RESOURCE INFORMATION DATABASE PROGRAMME ACTIVITY CENTRE (GRID/PAC)

In addition to the Technical Cooperation Trust Fund to Provide Experts to the Secretariat of the Southern African Development Coordination Conference (SADCC). Financed by the Government of Finland, this project also has an Environment Fund component. A full description of the project is presented on page 11 of this report.

KI/5101-91-01

ENVIRONMENTAL ASSESSMENT OF THE ROPME SUB-REGION AND THE INTRODUCTION OF A REHABILITATION PROGRAMME FOLLOWING THE SITUATION BETWEEN IRAQ AND KUWAIT

Implementation: Direct, in association with the Food and Agriculture Organization of the United Nations (FAO), Intergovernmental Oceanographic Commission (IOC), World Health Organization (WHO), World Meteorological Organization (WMO), International Atomic Energy Agency (IAEA), World Conservation Union (WCU) and the Regional Organization for the Protection of the Marine Environment (ROPME)

Scope: Sub-regional

Duration: April - December 1991

Cost:

To the Technical Cooperation Trust Fund to Develop and Coordinate Implementation of the Plan for the Survey, Assessment and Dealing with the Consequences of Environmental Damage caused by the Situation between Kuwait and Iraq : $2 301 000

Specific objective of the project

To provide Governments in the region with an assessment of the regional state of the environment, as well as a draft environmental rehabilitation programme.

Activities

1. Oil pollution assessment and monitoring;
2. Survey and assessment of the coastal and marine environment;
3. Remote sensing of the coastal area and coastal resources;
4. Establishment of a data base support system;
5. Air quality survey through observations by fixed and mobile monitoring stations and other available governmental facilities;
6. Survey and assessment of terrestrial ecosystems: agricultural areas, including food and soil; water resources, including food safety and drinking water;
7. Assessment of the hazardous wastes situation in affected areas;
8. Publication of the assessment and of the environmental rehabilitation programme.

Outputs

1. Reports on the results of the multi-disciplinary surveys;
2. A report on the detailed assessment of the present state of the environment in the area;
3. An operational data base system;
4. A draft environmental rehabilitation programme, including recommendations and measures for the rehabilitation and protection of the environment of the Kuwait Action Plan Region.
5. An assessment of the impacts on the marine and coastal areas of the countries of the region, as well as affected and threatened areas outside the region;
6. A comprehensive report on atmospheric pollution, sources, magnitude and impact.

CD/6105-91-01

ASSESSMENT OF BIOLOGICAL DIVERSITY AND MICROCLIMATE OF THE TROPICAL FOREST CANOPY: PHASE 1

Implementation: Smithsonian Tropical Research Institute (STRI)

Scope: Regional: Latin America and the Caribbean

Duration: July 1991 - June 1992

Cost:

	$
To the Technical Co-operation Trust Fund to provide Consultancies to Developing Countries Financed by the Government of Finland :	90 000 (39%)
To STRI :	139 250 (61%)
Total :	229 250

Specific objectives of the project

1. To contribute to the availability of data and information on microclimate patterns, canopy ecosystems and tropical taxa;

2. To support studies on the effects of structure and physiology of canopy trees on the transfer of heat and gases between the forest and the atmosphere;

3. To measure the physiological responses of plants to experimental manipulations of the atmospheric environment.

Activities

1. Establishment, operation and maintenance of the prototype canopy access system at the Metropolitan Nature Park in Panama City;

2. Carrying out tropical forest canopy studies on biodiversity, biotic interactions, canopy energy balance, physiological effects of drought on canopy plants, physiological responses to variation in atmospheric carbon dioxide and ultra-violet effects on the upper canopy;

3. Publication of the findings of the forest canopy studies in scientific periodicals;

4. Preparation and distribution of a report summarizing the findings of the forest canopy studies at the Metropolitan Nature Park.

Outputs.

1. Findings of the forest canopy studies at the Metropolitan Nature Park published in appropriate scientific periodicals;

2. A report summarizing the findings of the forest canopy studies and their relevance to the management and protection of tropical forests, the protection of biodiversity and understanding interactions between tropical forests and the atmosphere.

GF/8201-91-01

UNEP'S PARTICIPATION IN THE GLOBAL ENVIRONMENT FACILITY (GEF) - SUPPORT TO THE SCIENTIFIC AND TECHNICAL ADVISORY PANEL (STAP) OF THE GEF AND GENERAL SUPPORT

Implementation: Direct, in association with the World Bank and the United Nations Development Programme (UNDP)

Scope: Global

Duration: January 1991 - June 1992

Cost:

To the Global Environment Trust Fund: $2 013 832

Specific objectives of the project

1. To ensure that programmes and projects approved for funding from the GEF are technically sound and cost-effective, by advising the implementing agencies on priority criteria and technological options;

2. To ensure proper guidance on scientific and technical issues related to GEF operations for implementing agencies and participating countries.

Activities

1. Establishment of a unit at UNEP Headquarters, Nairobi, functioning as a secretariat for the Scientific and Technical Advisory Panel (STAP);

2. Organizing and conducting four STAP meetings in Nairobi, 26-27 March 1991; Geneva, 22-24 April 1991; Washington DC, 15-17 July 1991; and New York, 23-25 September 1991;

3. Organization of ad hoc working group meetings on: biodiversity, Washington D.C., USA, 10-12 June 1991; global warming and energy, Princeton, USA, 14-15 June 1991; international waters, Geneva, Switzerland, 24-26 June 1991;

4. Development of a set of guidelines and criteria for projects and programmes to be used by the GEF implementing agencies;

5. Provision of guidance on specific issues and questions arising in the course of GEF implementation;

6. Preparation of working papers and reports on the scientific and technological experience gained in the course of GEF implementation.

Outputs

1. A secretariat for the Scientific and Technical Advisory Panel (STAP);

2. Reports of the four STAP meetings;

3. A set of guidelines and criteria for GEF projects and programmes;

4. Guidance on specific issues and questions arising in the course of GEF implementation;

5. Working papers and reports on the scientific and technological lessons learned in the course of GEF implementation.

III. PROJECTS WITH COUNTERPART CONTRIBUTIONS

FP/RA/CP/4101-91-01

HARMONIZATION OF ENVIRONMENTAL MEASUREMENT (HEM) - PHASE II

In addition to a counterpart contribution from the Government of Germany, this project also has an Environment Fund component. A full description of the project is presented on page 4 of this report.

FP/CP/4102-91-01

WORLD INFORMATION DISSEMINATION UNIT ON CLIMATE CHANGE

In addition to a counterpart contribution from the Government of Switzerland, this project also has an Environment Fund component. A full description of the project is presented on page 7 of this report.

FP/CE/CP/4106-91-01

MANAGEMENT AND OPERATION OF THE GLOBAL RESOURCE INFORMATION DATABASE PROGRAMME ACTIVITY CENTRE (GRID/PAC)

In addition to a counterpart contribution from the Government of Switzerland, this project also has an Environment Fund component. A full description of the project is presented on page 10 of this report.

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UNE